



## Instructions For Use E-Type Straight Attachment

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**WARNING!**  
(Risk of injury)



**ATTENTION!**  
(To prevent damage)



Thermal washer  
disinfectable



Sterilizable  
up to the stated  
temperature

### Before You Begin

Please read this Operator's Manual prior to using your Slow Speed Attachment. The use of this product is intended for use by trained dental personnel. We recommend that you retain this manual for future reference.

### Safety Information

- Slow speed handpieces and attachments should be sterilized after each patient to prevent any transmission of infectious organisms.
- Suitable hygienic measures must be taken to prevent cross contamination between patients, operators and other personnel.
- Only operate this slow speed attachment when it is properly seated on the air motor.

### Technical Specifications

Model	S20A-NS, S20A-IS, S20A-IS/E6
Maximum Speed	40,000RPM
Bur Type	ISO 2.35mm Type 2 (friction grip) shanks, Maximum 45mm per ISO 1797-1, and disposable prophyl angles complaint with ISO 3964

### Mounting attachments to the motor

The S20A straight attachment is compatible with most air motors having an "E-type" coupling per ISO 3964.

To mount a straight attachment to a motor, simply slide the attachment onto the nose of the slow speed motor until it clicks into place. Check for secure connection.  
To remove an attachment, simply pull the attachment away from the motor.

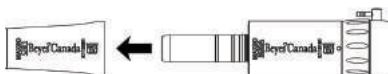


Fig.1

### Installing Burs

The S20A 1:1 straight attachment accepts straight handpiece burs with ISO 2.35 mm Type 2 (friction grip) shanks. Maximum recommended bur length is 45mm per ISO 1797-1. The straight attachment also accepts plastic disposable prophyl angles having dimensions in accordance with ISO 3964.

1. Open collet by turning grip 1/4 turn (clockwise) as shown in Fig 2. You will feel a "click" indicating the collet is open. The gap between the grip and handpiece retainer will narrow when the collet is open.
2. Insert bur fully into collet.
3. Close collet by turning grip 1/4 turn counterclockwise.

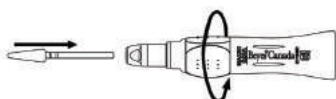


Fig.2

## Removing Burs

1. Open collet by turning grip 1/4 turn (clockwise) as shown in Fig 3 until you feel the "click".
2. Push bur back into collet and turn to release.
3. Pull bur straight out of collet.

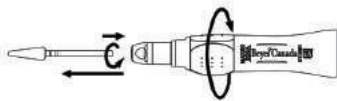


Fig.3



Always check that the bur is secure before operating the attachment. Never open or lock bur lock ring while instrument is rotating.

## Lubrication

Lubricate using Beyes Spray after each use and/or before autoclaving. Beyes Spray (Fig. 4)

- Mount the E-type spray nozzle into the spray port.
- Shake the can 3-4 times to mix lubricant and propellant.
- Insert the E-type spray nozzle in the rear of the handpiece and spray for approximately 2-3 seconds or until the oil comes out of the handpiece.

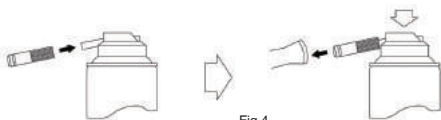


Fig.4



- Be sure to hold the handpiece firmly to prevent the handpiece from slipping out of hand by the spray pressure when lubricating.
- Supply lubricant until it comes out of the handpiece head (for approx. 2 seconds).
- Hold the Beyes Spray can upright.

## Sterilization

The handpiece must be cleaned and sterilized between patient uses. A wrapped handpiece should be steam sterilized at 132°C for a minimum of 10 minutes or at 121°C for a minimum of 50 minutes. Do not exceed 135°C.



An unwrapped handpiece needs to be used immediately or sterility is not maintained.



Do not exceed the sterilizer manufacturer's guidelines for load capacity.



Use steam sterilization exclusively for complete sterility. Never dry heat sterilize, ultrasonically clean, or expose handpiece to chemical disinfection or cold sterilization by:

- Immersion techniques or surgical milk
- Sur fa ce wipes, hand soaps, or detergents
- Sur fa ce sprays
- Sterilization bags containing disinfectants

## Warranty

Beyes Dental Canada hereby warrants against defects in material and workmanship that for a period of 1 year from the date of purchase, this product will perform satisfactorily under normal use and service. No warranty claim can be inferred here, as wear may occur earlier or later than indicated above depending on use, frequency of sterilization and frequency of maintenance. Beyes shall under no circumstances be liable for incidental or consequential damages or damage due to improper use or maintenance.

This Warranty is subject to the following conditions: Beyes will, without charge, repair or replace (at Beyes sole discretion) any defective part/s covered in this warranty. If the conditions are met, the defective item must be returned to an authorized Beyes service center or distributor accompanied by the original invoice or packing list. This warranty is in lieu of all other warranties, expressed or implied.



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